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OM nucleic - nucleic search, using sw model

Run on: March 15, 2003, 12:16:13 ; Search time 0.664702 Seconds
(without alignments)
9688.871 Million cell updates/sec

Title: US-08-978-217-13

Perfect score: 21
Sequence: 1 CCGGACATCTCATCCACC 21

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 15338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Database :

Issued_Patents_NA:*
1: /cgn2_6/prodata/1/ina/5A.COMB.seq:*
2: /cgn2_6/prodata/1/ina/5B.COMB.seq:*
3: /cgn2_6/prodata/1/ina/6A.COMB.seq:*
4: /cgn2_6/prodata/1/ina/6B.COMB.seq:*
5: /cgn2_6/prodata/1/ina/PCTUS.COMB.seq:*
6: /cgn2_6/prodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	21	100.0	1920	1 US-08-746-789A-1	Sequence 1, Appl
2	16.2	77.1	165	1 US-08-456-647B-1	Sequence 1, Appl
3	16.2	77.1	165	2 US-08-237-401A-1	Sequence 1, Appl
4	16.2	77.1	361	4 US-09-643-597-303	Sequence 303, App
5	16.2	77.1	437	4 US-09-328-111-567	Sequence 567, App
6	16.2	77.1	1228	3 US-08-826-246-9	Sequence 9, Appl
7	16.2	77.1	1228	3 US-08-944-495-9	Sequence 9, Appl
8	16.2	77.1	1228	3 US-09-126-640-5	Sequence 5, Appl
9	16.2	77.1	1228	4 US-08-925-588-9	Sequence 9, Appl
10	16.2	77.1	1228	4 US-09-288-292A-5	Sequence 5, Appl
11	15.8	75.2	718	4 US-08-988-416-682	Sequence 682, App
12	15.2	72.4	1026	4 US-09-129-033-1	Sequence 1, Appl
13	15.2	72.4	1074	4 US-09-516-914-16	Sequence 16, Appl
14	15.2	72.4	1320	2 US-08-461-775-8	Sequence 8, Appl
15	15.2	72.4	1320	3 US-09-031-606-8	Sequence 8, Appl
16	15.2	72.4	1515	4 US-09-292-768-5	Sequence 5, Appl
17	15.2	72.4	1620	2 US-08-461-775-10	Sequence 10, Appl
18	15.2	72.4	1620	3 US-09-031-606-10	Sequence 10, Appl
19	15.2	72.4	1665	3 US-08-881-784-8	Sequence 8, Appl
20	15.2	72.4	1665	4 US-09-292-768-3	Sequence 3, Appl
21	15.2	72.4	1665	4 US-09-292-768-67	Sequence 67, Appl
22	15.2	72.4	1665	4 US-09-292-768-69	Sequence 69, Appl
23	15.2	72.4	1977	4 US-08-574-959A-3	Sequence 3, Appl
24	15.2	72.4	1977	4 US-09-357-014-3	Sequence 3, Appl
25	15.2	72.4	2167	2 US-08-461-775-9	Sequence 9, Appl
26	15.2	72.4	2167	3 US-09-031-606-9	Sequence 9, Appl
27	15.2	72.4	2668	2 US-08-461-775-11	Sequence 11, Appl

28	15.2	72.4	2668	3 US-09-031-606-11	Sequence 11, Appl
29	15.2	72.4	2680	4 US-09-063-035-1	Sequence 1, Appl
30	15.2	72.4	9785	4 US-09-479-128-1	Sequence 1, Appl
31	15.2	72.4	10763	1 US-08-761-258-1	Sequence 1, Appl
32	15.2	72.4	10763	2 US-08-977-306-1	Sequence 1, Appl
33	15.2	72.4	14272	4 US-09-516-914-23	Sequence 23, Appl
34	15.2	72.4	4403765	4 US-09-103-840A-2	Sequence 2, Appl
35	15.2	72.4	4411529	4 US-09-103-840A-1	Sequence 1, Appl
36	14.8	70.5	1801	1 US-08-557-917A-1	Sequence 1, Appl
37	14.8	70.5	1801	3 US-09-084-153-1	Sequence 1, Appl
38	14.8	70.5	1801	3 US-09-084-079-1	Sequence 1, Appl
39	14.8	70.5	2283	3 US-09-084-079-4	Sequence 4, Appl
40	14.8	70.5	2896	1 US-08-441-430-31	Sequence 31, Appl
41	14.8	70.5	2995	1 US-08-441-430-32	Sequence 32, Appl
42	14.8	70.5	3371	4 US-09-116-473-1	Sequence 1, Appl
43	14.8	70.5	6831	4 US-08-609-049A-27	Sequence 27, Appl
44	14.8	70.5	6831	4 US-09-170-996-27	Sequence 27, Appl
45	14.6	69.5	22	2 US-08-747-536-22	Sequence 22, Appl

ALIGNMENTS

```
RESULT 1
US-08-746-789A-1
; Sequence 1, Application US/08746789A
; Patent No. 5789200
; GENERAL INFORMATION:
; APPLICANT: Ismail Kola, Martin J. Tyms, Christine Debouck
; TITLE OF INVENTION: A No. 5789200el Human ETS Family Member, ETR3
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road, P.O. Box 1539
; CITY: King of Prussia
; STATE: PA
; COUNTRY: USA
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: MICROSOFT WORD
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/746,789A
; FILING DATE: No. 5789200el 15, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: William T. Han
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: ATG 50024
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610 270 5219
; TELEFAX: 610 270 4026
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1920
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
; US-08-746-789A-1
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Query Match 100.0%; Score 21; DB 1; Length 1920;
Best Local Similarity 100.0%; Pred. No. 0.69;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 2
US-08-456-647B-1/C
Sequence 1, Application US/08456647B
Patent No. 581516
GENERAL INFORMATION:
APPLICANT: Lemke Ph.D. et al., Greg E.
TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/456,647B
FILING DATE: 02-JUN-1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/237,401
FILING DATE: 02-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/884,486
FILING DATE: 15-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Wetherell, Ph.D., John R.
REGISTRATION NUMBER: 31,678
REFERENCE/DOCKET NUMBER: 07251/007002
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 678-5070
TELEFAX: (619) 678-5099
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 165 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
IMMEDIATE SOURCE:
CLONE: Tyro-1
FEATURE:
NAME/KEY: CDS
LOCATION: 1..165
US-08-456-647B-1

Query Match 77.1%; Score 16.2; DB 1; Length 165;
Best Local Similarity 85.7%; Pred. No. 77;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CCGGACATCTCATCCACCC 21
|||||
Db 76 CCGGATCATCTCAAGCACCC 56

RESULT 3
US-08-237-401A-1/C
Sequence 1, Application US/08237401A
Patent No. 5837448
GENERAL INFORMATION:
APPLICANT: Lemke Ph.D. et al., Greg E.
TITLE OF INVENTION: PROTEIN-TYROSINE KINASE GENES
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400

CITY: La Jolla
STATE: CA
COUNTRY: US
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/237,401A
FILING DATE: 02-MAY-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/884,486
FILING DATE: 15-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Haile Ph.D., Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07251/007001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 678-5070
TELEFAX: (619) 678-5099
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 165 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
IMMEDIATE SOURCE:
CLONE: Tyro-1
FEATURE:
NAME/KEY: CDS
LOCATION: 1..165
US-08-237-401A-1

Query Match 77.1%; Score 16.2; DB 2; Length 165;
Best Local Similarity 85.7%; Pred. No. 77;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 CCGGACATCTCATCCACCC 21
|||||
Db 76 CCGGATCATCTCAAGCACCC 56

RESULT 4
US-09-643-597-303
Sequence 303, Application US/09643597
Patent No. 6426072
GENERAL INFORMATION:
APPLICANT: Wang, Tongtong
APPLICANT: Fan, Liqun
APPLICANT: Kalos, Michael D.
APPLICANT: Bangur, Chaitanya S.
APPLICANT: Hosken, Nancy
APPLICANT: Fanger, Gary R.
APPLICANT: Li, Samuel X.
APPLICANT: Wang, Aijun
APPLICANT: Skeiky, Yasir A.W.
APPLICANT: Henderson, Robert A.
APPLICANT: McNeill, Patricia D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
FILE REFERENCES: 210121,455C11.
CURRENT APPLICATION NUMBER: US/09/643,597
CURRENT FILING DATE: 2000-08-21
NUMBER OF SEQ ID NOS: 369
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 303
LENGTH: 361
TYPE: DNA
ORGANISM: Homo sapien

FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(361)
OTHER INFORMATION: n = A,T,C or G
US-09-643-597-303

Query Match 77.1%; Score 16.2; DB 4; Length 361;
Best Local Similarity 85.7%; Pred. No. 82;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACCC 21
DB 257 CCGGACGCTCTCCCAACCC 277

RESULT 5

US-09-328-111-567
Sequence 567, Application US/09328111
Patent No. 6262333
GENERAL INFORMATION:
APPLICANT: Endege, Wilson O.
APPLICANT: Steinmann, Kathleen E.
APPLICANT: Astle, Jon H.
APPLICANT: Burgess, Christopher C.
APPLICANT: Bushnell, Steven E.
APPLICANT: Carroll III, Eddie
APPLICANT: Catino, Theodore J.
APPLICANT: Derti, Adnan
APPLICANT: Ford, Donna M.
APPLICANT: Lewis, Marcia E.
APPLICANT: Monahan, John E.
APPLICANT: Schlegel, Robert
TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION
TITLE OF INVENTION: PRODUCTS
FILE REFERENCE: CCD-257 (US)
CURRENT APPLICATION NUMBER: US/09/328,111
CURRENT FILING DATE: 1999-06-08
EARLIER APPLICATION NUMBER: US 60/088,801
EARLIER FILING DATE: 1998-06-10
NUMBER OF SEQ. ID NOS: 850
SOFTWARE: FASTSEQ for Windows Version 3.0
SEQ ID NO 567
LENGTH: 427
TYPE: DNA
ORGANISM: Homo sapiens
US-09-328-111-567

Query Match 77.1%; Score 16.2; DB 4; Length 427;
Best Local Similarity 85.7%; Pred. No. 83;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACCC 21
DB 257 CCGGACGCTCTCCCAACCC 277

RESULT 6

US-08-826-246-9/C
Sequence 9, Application US/08826246
Patent No. 6048709
GENERAL INFORMATION:
APPLICANT: Falb, Dean
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: THE TREATMENT AND DIAGNOSIS OF
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/826,246
FILING DATE: 28-MAR-1997
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/799,910
FILING DATE: 13-FEB-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/011,787
FILING DATE: 16-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-078-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212)7909080
TELEFAX: (212)6699741
TELEX: 66141 PENNIE

INFORMATION FOR SEQ. ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1228 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: Coding Sequence
LOCATION: 1...468
OTHER INFORMATION:
US-08-826-246-9

Query Match 77.1%; Score 16.2; DB 3; Length 1228;
Best Local Similarity 85.7%; Pred. No. 89;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACCC 21
DB 952 CCGGACGCTCTCCCAACCC 932

RESULT 7

US-08-944-495-9/C
Sequence 9, Application US/08944495
Patent No. 6087477
GENERAL INFORMATION:
APPLICANT: Falb, Dean
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
TITLE OF INVENTION: THE TREATMENT AND DIAGNOSIS OF
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDMONDS LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/944,495
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/799,910

```

; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-067-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1228 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1...468
; OTHER INFORMATION:
US-08-944-495-9

Query Match 77.1%; Score 16.2; DB 3; Length 1228;
Best Local Similarity 85.7%; Pred. No. 89;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACC 21
DB 952 CCGGACGTCTCTCCACC 932

RESULT 8
US-09-126-640-5/c
; Sequence 5, Application US/09126640A
; Patent No. 609823
; GENERAL INFORMATION:
; APPLICANT: FALB, Dean A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
; TITL OF INVENTION: TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE
; FILE REFERENCE: 7853-126
; CURRENT APPLICATION NUMBER: US/09/126,640A
; CURRENT FILING DATE: 1998-07-30
; EARLIER APPLICATION NUMBER: 08/870,434
; EARLIER FILING DATE: 1997-06-06
; EARLIER APPLICATION NUMBER: 08/799,910
; EARLIER FILING DATE: 1997-02-13
; EARLIER APPLICATION NUMBER: 60/011,787
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 1228
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-126-640-5

Query Match 77.1%; Score 16.2; DB 3; Length 1228;
Best Local Similarity 85.7%; Pred. No. 89;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACC 21
DB 952 CCGGACGTCTCTCCACC 932

RESULT 9
US-08-925-588-9/c
; Sequence 9, Application US/08925588
; Patent No. 6231628
; GENERAL INFORMATION:
; APPLICANT: FALB, Dean
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR
; THE TREATMENT AND DIAGNOSIS OF
```

```

; CARDIOVASCULAR DISEASE
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS LLP
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: NY
; COUNTRY: USA
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/925,588
; FILING DATE: 08-Sep-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/799,910
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Coruzzi, Laura A
; REGISTRATION NUMBER: 30,742
; REFERENCE/DOCKET NUMBER: 7853-067-999
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212)7909090
; TELEFAX: (212)8699741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1228 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: Coding Sequence
; LOCATION: 1...468
; OTHER INFORMATION:
; SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-08-925-588-9

Query Match 77.1%; Score 16.2; DB 4; Length 1228;
Best Local Similarity 85.7%; Pred. No. 89;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCTATCCACC 21
DB 952 CCGGACGTCTCTCCACC 932

RESULT 10
US-09-288-292A-5/c
; Sequence 5, Application US/09288292A
; Patent No. 6359194
; GENERAL INFORMATION:
; APPLICANT: Dean A. Falb
; APPLICANT: Katherine Galvin
; APPLICANT: Dennis Donovan
; APPLICANT: Michael Huezar
; APPLICANT: Michael A. Gambone, Jr.
; TITLE OF INVENTION: Compositions and Methods for the Treatment and Diagnosis of
; TITLE OF INVENTION: Cardiovascular Disease
; FILE REFERENCE: 7853-140-999
; CURRENT APPLICATION NUMBER: US/09/288,292A
; CURRENT FILING DATE: 1999-04-08
; PRIOR APPLICATION NUMBER: 08/870,434
; PRIOR FILING DATE: 1997-06-06
; PRIOR APPLICATION NUMBER: 08/799,910
; PRIOR FILING DATE: 1997-02-13
; PRIOR APPLICATION NUMBER: 60/011,787
; PRIOR FILING DATE: 1996-02-16
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PRIOR APPLICATION NUMBER: 08/485,573
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: 08/386,844
PRIOR FILING DATE: 1995-02-10
NUMBER OF SEQ ID NOS: 46
SOFTWARE: FaetsEQ for Windows Version 4.0
SEQ ID NO 5
LENGTH: 1228
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(468)
US-09-288-292A-5

Query Match
Best Local Similarity 77.1%; Score 16.2; DB 4; Length 1228;
Best Local Similarity 85.7%; Pred. No. 89;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 21
DB 952 CCGGACGCTCTCCACCACC 932

RESULT 11
US-08-998-416-682
Sequence 682, Application US/08998416
Patent No. 6239264
GENERAL INFORMATION:
APPLICANT: Philippsen, Peter
APPLICANT: Pohlmann, Rainer
APPLICANT: Steiner, Sabine
APPLICANT: Mohr, Christine
APPLICANT: Wendland, Jürgen
APPLICANT: Knechtle, Philipp
APPLICANT: Redischung, Corinne
TITLE OF INVENTION: GENOMIC DNA SEQUENCES OF ASHBYA GOSYPYII
TITLE OF INVENTION: AND USES THEREOF
NUMBER OF SEQUENCES: 1152
CORRESPONDENCE ADDRESS: 1152
ADDRESSEE: No. 6239264artis Corporation
STREET: 3054 Cornwallis Road
CITY: Research Triangle Park
STATE: No. 6239264th Carolina
COUNTRY: USA
ZIP: 27709
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/998,416
FILING DATE: 24-DEC-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CH 0016/97
FILING DATE: 31-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Meigs, J. Timothy
REGISTRATION NUMBER: 38,241
REFERENCE/DOCKET NUMBER: PF/5-30306/A/CCG1976
TELECOMMUNICATION INFORMATION:
TELEPHONE: 919-541-8587
TELEFAX: 919-541-8689
INFORMATION FOR SEQ ID NO: 682:
SEQUENCE CHARACTERISTICS:
LENGTH: 718 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:

ORGANISM: PAG1452UP
US-08-998-416-682

Query Match
Best Local Similarity 75.2%; Score 15.8; DB 4; Length 718;
Best Local Similarity 89.5%; Pred. No. 13e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCAC 19
DB 162 CTGAACATCCTCATCCAC 180

RESULT 12
US-09-129-033-1
Sequence 1, Application US/09129033
Patent No. 6329185
GENERAL INFORMATION:
APPLICANT: Kofod, Lene Venke
APPLICANT: Kauppinen, Markus Sakari
APPLICANT: Andersen, Lene No. 6329185boe
APPLICANT: Clausen, Ib Groth
TITLE OF INVENTION: An Enzyme with Galactanase Activity
FILE REFERENCE: 4685.204-US
CURRENT APPLICATION NUMBER: US/09/129,033
CURRENT FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: PCT/DK97/00091
PRIOR FILING DATE: 1997-02-28
NUMBER OF SEQ ID NOS: 2
SOFTWARE: FaetsEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 1026
TYPE: DNA
ORGANISM: Meripilus giganteus
FEATURE:
NAME/KEY: CDS
LOCATION: (1)...(1026)
US-09-129-033-1

Query Match
Best Local Similarity 72.4%; Score 15.2; DB 4; Length 1026;
Best Local Similarity 85.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 20
DB 552 CCGAAGATCCTCATCCACC 571

RESULT 13
US-09-516-914-16/C
Sequence 16, Application US/09516914
Patent No. 633401
GENERAL INFORMATION:
APPLICANT: Breinig, Sabine
APPLICANT: Fuchs, Georg
TITLE OF INVENTION: Phenol-induced Proteins of Thauera aromatica
FILE REFERENCE: BC1006 US NA
CURRENT APPLICATION NUMBER: US/09/516,914
CURRENT FILING DATE: 2000-03-01
EARLIER APPLICATION NUMBER: 60/122,952
EARLIER FILING DATE: 1999-03-05
NUMBER OF SEQ ID NOS: 44
SOFTWARE: Microsoft Office 97
SEQ ID NO 16
LENGTH: 1074
TYPE: DNA
ORGANISM: Thauera aromatica
US-09-516-914-16

Query Match
Best Local Similarity 72.4%; Score 15.2; DB 4; Length 1074;
Best Local Similarity 85.0%; Pred. No. 2.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCCTCATCCACC 20

Db 439 CCGGATGTCACATCCACC 420

RESULT 14
US-08-461-775-8

Sequence 8, Application US/08461775
Patent No. 5858773
GENERAL INFORMATION:
APPLICANT: MAZODIER, Philippe
APPLICANT: GUGLIEMI, Gerard
TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE
INITIATION OF TRANSCRIPTION
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: George Mason Bldg., Washington & Prince Sts.
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 2213-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/461,775
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/050,313
FILING DATE: 10-MAY-1993
APPLICATION NUMBER: FR 9011186
FILING DATE: 10-SEP-1990
ATTORNEY/AGENT INFORMATION:
NAME: Crane-Feury, Sharon E
REGISTRATION NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 010830-035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 1320 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1320
US-08-461-775-8

Query Match 72.4%; Score 15.2; DB 2; Length 1320;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 20
Db 645 CCGGATGTCACATCCACC 664

RESULT 15
US-09-031-606-8
Sequence 8, Application US/09031606
GENERAL INFORMATION:
APPLICANT: MAZODIER, Philippe
APPLICANT: GUGLIEMI, Gerard
TITLE OF INVENTION: REGULATORY NUCLEOTIDE SEQUENCE OF THE
INITIATION OF TRANSCRIPTION
NUMBER OF SEQUENCES: 15

CORRESPONDENCE ADDRESS:

ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: George Mason Bldg., Washington & Prince Sts.
CITY: Alexandria
STATE: Virginia
COUNTRY: United States
ZIP: 2213-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/031,606
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/050,313
FILING DATE: 10-MAY-1993
APPLICATION NUMBER: FR 9011186
FILING DATE: 10-SEP-1990
ATTORNEY/AGENT INFORMATION:
NAME: Crane-Feury, Sharon E
REGISTRATION NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 010830-035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 1320 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: CDS
LOCATION: 1..1320
US-09-031-606-8

Query Match 72.4%; Score 15.2; DB 3; Length 1320;
Best Local Similarity 85.0%; Pred. No. 2.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 CCGGACATCTCATCCACC 20
Db 645 CCGGATGTCACATCCACC 664

Search completed: March 15, 2003, 15:13:08
Job time : 9.6647 secs